

CLAIMS

1. A synchronization program for causing a computer terminal having a storage means to store at least one or more content to function in such a manner as to synchronize the contents with one or more other computer terminal to be synchronized with which a session is established through a session server, characterized in that:

the synchronization program causes the computer terminal to function as

a contents acquisition means for acquiring and displaying the contents stored in the storage means,

a contents transmitting/receiving means for acquiring and storing in the storage means the contents of which a display request is received from the other computer terminal, and

an update means for notifying a contents update event to the contents acquisition means or the other computer terminal in the case where new contents are stored in the storage means;

the synchronization program causes, by the contents acquisition means, the computer terminal to function in such a manner that

in the presence of the contents requested for display in the storage means, to acquire and display the contents stored in the storage means, and

upon receipt of the notice of the contents update event, to acquire and display the contents corresponding to the contents update event and stored in the storage means, and

the synchronization program causes, by the contents

transmitting/receiving means, the computer terminal to function in such a manner that

in the absence of the contents requested for display or the contents corresponding to the contents update event in the storage means, to acquire the contents from other computer than the computer terminal and store them in the storage means.

2. A synchronization program as described in claim 1, characterized in that the computer terminal is caused to function in such a manner that

in the case where the computer terminal is a host side of the session,

the contents transmitting/receiving means acquires the contents from any other computer terminal than the computer terminal connected to the network and stores the contents in the storage means,

the contents are displayed by the contents acquisition means,

the update means notifies the contents update event to the other computer terminal, and

the contents transmitting/receiving means receives the contents transmission request from the other computer terminal, thereby transmitting the contents stored in the storage means to the other computer terminal and causes the contents to be displayed at the other computer terminal which is a remote side of the session.

3. A synchronization program as described in claim 1 or 2, characterized in that the computer terminal is caused

to function in such a manner that

in the case where the computer terminal is a remote side of the session and the contents requested for display are not stored in the storage means,

the contents transmitting/receiving means transmits the contents acquisition request to the other computer terminal which is a host side of the session,

the update means receives the contents update event from the other computer terminal which is a host side of the session,

the contents transmitting/receiving means transmits the contents transmission request to the other computer terminal, receives the contents from the other computer terminal and stores the contents in the storage means of the computer terminal, and

the contents acquisition means displays the contents.

4. A synchronization program as described in any one of claims 1 to 3, characterized in that the computer terminal is caused to function in such a manner that

in the case where the computer terminal is a remote side of the session and the contents requested for display are stored in the storage means,

the contents acquisition means acquires the contents from the storage means and displays the contents, and

the update means notifies the contents update event to the other computer terminal which is a host side of the session and causes the contents stored in the storage means of the other computer terminal to be displayed at the other computer terminal.

5. A synchronization program as described in any one of claims 1 to 4, characterized in that the synchronization program causes the computer terminal to function as

a control information means for receiving the input of the control information for the contents of the contents browsing means, transmitting the control information to the other computer terminal through the session server, and based on the input of the control information at the other computer terminal, receiving the control information transmitted from the other computer terminal, and reflecting the control information in the contents of the contents browsing means.

6. A synchronization program as described in claim 5, characterized in that

the control information includes any one of the movement of the scroll bar, the change in size or position of the window, the drawing of the contents and the movement of the mouse cursor.

7. A synchronization program as described in claim 5 or 6, characterized in that the computer terminal is caused to function in such a manner that

the control information means displays a transparent screen superposed on the contents, and transmits the input drawing coordinate and the input drawing type to the other computer terminal, and

the drawing coordinate and the drawing type are received from the other computer terminal, and the drawing type is drawn at the coordinate of the contents.

8. A synchronization program as described in any one

of claims 1 to 7, characterized in that the computer terminal is caused to function in such a manner that

the synchronization program or the computer terminal having the synchronization program can transmit and receive data to and from the log management server arranged on the network, and

the synchronization program functions as

a log information transmission means for receiving the contents display request or the control information input to the contents browsing means and transmitting them as a log for the other computer terminal to the log management server, and

a log information receiving means for receiving the log of the other computer terminal from the log management server and causing the log to be executed by the content browsing means.

9. A synchronization program as described in claim 8, characterized in that

the log management server notifies the computer terminal constituting the other party of the log that the log is stored.

10. A synchronization program as described in claim 8 or 9, characterized in that

the log management server notifies by transmitting the electronic mail to the computer terminal constituting the other party of the log or when the computer terminal constituting the other party of the log logged in the session server.

11. A synchronization program as described in any one of claims 1 to 10, characterized in that

the synchronization program causes the computer terminal

to function in such a manner that in the case where the computer terminal conducts communication by SSL with any other computer terminal than the computer terminal, the communication by SSL is conducted also between the computer terminal and the other computer terminal thereby to synchronize the contents.